

Title (en)
MULTI-PORT SEPARATION APPARATUS AND METHOD

Title (de)
MULTI-PORT-TRENNVORRICHTUNG UND -VERFAHREN

Title (fr)
APPAREIL DE S PARATION MULTI-VOIES ET PROC D CORRESPONDANT

Publication
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Application
EP 01973847 A 20011005

Priority

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- AU PR189500 A 20001205

Abstract (en)
[origin: US2003019753A1] A multi-port electrophoresis system comprising: first and second electrode chambers containing a cathode and an anode respectively, wherein the electrode chambers are disposed relative to one another so that the electrodes are adapted to generate an electric field upon application of a selected electric potential therebetween; at least three adjacently disposed separation chambers disposed between the electrode chambers and separated from adjacent separation chambers and the electrode chambers by ion-permeable barriers adapted to impede convective mixing of the contents of adjacent chambers; a first electrolyte reservoir in fluid communication with at least one of the electrode chambers; at least one sample reservoir in fluid communication with at least one of the separation chambers; means adapted for communicating fluids to the first and second electrode chambers and to the at least three separation chambers; means adapted for communicating an electrolyte between the electrolyte reservoir and at least one of the first and second electrode chambers; and means adapted for communicating at least one fluid between at least one separation chamber and the at least one sample reservoir; wherein application of the selected electric potential causes migration of at least one component through at least one of the ion-permeable barriers.

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CPC (source: EP US)
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Citation (search report)

- [X] US 5906724 A 19990525 - SAMMONS DAVID W [US], et al
- [A] FR 1223635 A 19600617 - TAKEDA PHARMACEUTICAL

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WO 0228516 A1 20020411; AT E473040 T1 20100715; CA 2422325 A1 20020411; CN 1235667 C 20060111; CN 1468138 A 20040114; DE 60142520 D1 20100819; EP 1341596 A1 20030910; EP 1341596 A4 20040721; EP 1341596 B1 20100707; JP 2004510170 A 20040402; US 2003019753 A1 20030130

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